

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) Coating for an interior surface of a steam-generating device, comprising a first layer deposited on the interior surface of the steam-generating device and a second layer deposited over the first layer, wherein the first layer is essentially impermeable to water and is thermally insulating and the second layer is hydrophilic,

wherein the second layer comprises inorganic particles, and wherein the inorganic particles include clay particles or Al_2O_3 particles.

2. (Previously presented) The coating according to claim 1, wherein the second layer is a porous layer.

3. (Previously presented) The coating according to claim 1, wherein the first layer comprises at least one of a polyimide, polyamide-imide, and enamel.

4. (Previously presented) The coating according to claim 3, wherein the first layer comprises inorganic particles.

5. (Currently amended) The coating according to claim 1, wherein the second layer comprises a phosphate glass mono-aluminum phosphate binders.

6-8. (Canceled)

9. (Previously presented) The coating according to claim 1, wherein a thickness of the first layer is around 30 to 100 μm and wherein the second layer is between 10 and about 15 μm in thickness.

10. (Previously presented) The coating according to claim 9, wherein the steam-generating device is part of an electrical

domestic appliance such as a steam iron, a system iron, a steamer, a garment cleaner, a heated ironing board, or a facial steamer.

11. (Previously presented) The coating according to claim 1, wherein the first layer is adhered to the second layer.

12. (Currently amended) Coating for an interior surface of a steam-generating device, comprising a first layer deposited on the interior surface of the steam-generating device and a second layer deposited over the first layer, wherein the first layer is essentially impermeable to water and is thermally insulating and the second layer is hydrophilic, wherein a composition of the first layer and the second layer is similar and wherein at least one of porosity, density, particle volume fraction, layer thickness, and pore size of the first and second layers are whether the layer is essentially impermeable to water or is hydrophilic is determined by one of applying a different technique to deposit each of the first and second layers, selecting different binder to filler ratios and selecting different filler particles sizes for each of the first and second layers.

13. (Previously presented) The coating according to claim 12, wherein the first layer is applied by spraying the first layer onto the interior surface of the steam-generating device from a range selected to form initially a dense wet first layer.

14. (Previously presented) The coating according to claim 12, wherein the second layer is applied by spraying the second layer onto the first layer from a range selected to enable evaporation of solvent from sprayed droplets of the second layer before reaching a surface of the first layer.

15. (Currently amended) Coating for an interior surface of a steam-generating device, comprising a first layer deposited on the interior surface of the steam-generating device and a second layer deposited over the first layer, wherein the first layer is essentially impermeable to water and is thermally insulating and the second layer is hydrophilic, wherein a composition of starter materials of the first layer and the second layer are similar and wherein at least one of porosity, density, particle volume

fraction, and pore size of the first and second layers are whether
the layer is essentially impermeable to water or is hydrophilic is
determined by one of selecting different binder to filler ratios
for each of the first and second layers, using different techniques
to deposit each of the first and second layers and selecting
different filler particles sizes for each of the first and second
layers.

16. (Previously presented) The coating according to claim 1, wherein the first layer has a composition that is thermally stable.

17. (Currently amended) The coating according to claim 1, wherein the second layer is comprised of mono-aluminum phosphate binders filled with the inorganic particles.

18. (Canceled)

19. (Previously presented) The coating according to claim 1, wherein compositions of the first and the second layers are cured

during a same curing cycle to improve adhesion between the first and second layers.